



UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 1 -- Catchment Information

Subwatershed: Bear Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 3 Grid: K4

State Plane Coordinates of Outfall Location: X: 1339925 Y: 519566

Closest Road Intersection to Outfall: Sweitzer Lane and Chevy Chase Drive

Outfall SDI ID or Outfall Description: SDI 54429 - outfalls to SWM pond

Objective: Demonstration / Impairment(s) (Sheet 1) _____

Drainage Area (ac): 26.9 Impervious Area (ac): 22.1

Percent Impervious: 82% Soil Recharge Factor (S): 0.09

WQ_v (required): 1.77 Re_v (required): 1.91

Predominant Land Use: commercial Mean Depth to Ground Water: <1.0 ft

Sanitary System: Septic Municipal Sewer Water Supply: On Site Well Public Water

Storm Drainage System Within Catchment

Piped: 100% Open Channels: 0%

Area Drained by System: 100%

Location in Catchment: Headwaters Middle Lower All

Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s)

SDI ID: 54556 Type (number from Sheets 4 & 5): 16 Age: _____

Closest Road Intersection to IMP / BMP: Sweitzer Lane and Stanley Court

Catchment Area Treated (ac) : 26.9 Percentage Catchment Treated: 100%

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: 82120A Type (number from Sheets 4 & 5): 16 Age: _____

Closest Road Intersection to IMP / BMP: Sweitzer Lane and Frost Place

Catchment Area Treated (ac) : 26.9 Percentage Catchment Treated: 100%

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

SDI ID: 85127A Type (number from Sheets 4 & 5): 16 Age: 17

Closest Road Intersection to IMP / BMP: Laurel Place and Cherry Lane

Catchment Area Treated (ac) : 26.9 Percentage Catchment Treated: 100%

WQ_v Provided: YES NO Re_v Provided: YES NO C_p Provided: YES NO

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information (concluded)**

CATCHMENT SUMMARY

WQ_v (provided): _____

Re_v (provided) : _____

Area Treated (ac): _____

Impervious Area Treated (ac): _____

Area Treated (%): _____

Impervious Area Treated (%): _____

Comments

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Chevy Chase Bank Address: 6151 Chevy Chase Drive, Laurel MD, 20707
 Site Owner: Chevy Chase Bank FSB
 State Plane Coordinates of Site Centroid: X: 1340311 Y: 519803 Date: 3/21/03
 Personnel: JA, PM Weather: overcast, 50F deg
 Area (ac): 5.9 Impervious Area (ac): 4.4
 Percent Impervious: 75% Soil Recharge Factor (S): 0.11
 WQ_v (required): 0.36 Re_v (required): 0.04
 Property Area (ac): 5.9 Property Area Included in Site: 100 %
 Amount of Catchment Occupied by Site: 22 %

Storm Drainage System Within Site

Piped: 100% Open Channels: 0% Area Drained by System: 100%
 Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: _____ Condition: Excellent Good Average Fair Poor
 SDI ID: _____ Condition: Excellent Good Average Fair Poor
 SDI ID: _____ Condition: Excellent Good Average Fair Poor

Site Information

Type of Pavement: Bituminous Concrete Gravel Grid Pavers Other _____
 Pavement Condition: Excellent Good Average Fair Poor
 Underdrains can be easily directed to existing storm drains or daylighted: YES NO
 Gutter/Exterior Downspouts Present: YES NO
 Roof Connected Directly to Storm Drain: YES NO
 Roof Drains onto Impervious Surface: YES NO
 Obvious Existing Drainage Problems: Extensive Moderate Average Limited None
 Steep Slopes Present: Extensive Moderate Average Limited None
 Existing Landscaping: Extensive Moderate Average Limited None
 Mature / Specimen Trees: Extensive Moderate Average Limited None
 Area Available for Aboveground BMPs: Extensive Moderate Average Limited None
 Existing Cover of Potential Aboveground BMP Locations: Grass Landscaped Gravel Other Pervious
 Pavement Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)**

Commercial / Institutional

Islands Present: YES NO

Curb Present Around Island: YES NO

Ground Level of Island Relative to Pavement: Above Equal Below

Island Landscaping: Impervious Bare Earth Gravel Grass Mulch Herbaceous Plants Shrubs
 Trees (<2 in. DBH) Trees (2 - 6 in. DBH) Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs YES NO

Parking area that can be directed to potential treatment area with little grading: 10%

SITE SUMMARY	
WQ _v (provided) :	Re _v (provided):
Area Treated (ac) :	Impervious Area Treated (ac):
Area Treated (%) :	Impervious Area Treated (%):

Photographs

- No. 374 Description: looking north at west side of building
- No. 375 Description: looking east at south side of building
- No. 376 Description: scupper
- No. 377 Description: looking north at east side of building
- No. 378 Description: looking west at south side of building
- No. 379 Description: looking west at north side of building
- No. _____ Description: _____

Comments Site drains through a series of three separate SWM facilities in addition to Laurel Lakes

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information**



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